

# Converting Colors

Android(4280442269)

Have a look what the booklet for  
Android(4280442269) contains.

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# Color

**Android(4280442269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	225D9D
RGB	34, 93, 157
RGB Percent	13%, 36%, 62%
CMY	0.8667, 0.6353, 0.3843
CMYK	0.78, 0.41, 0.00, 0.38
HSL	211°, 64%, 37%
HSV	211°, 78%, 62%
XYZ	10.6598, 10.6031, 33.3831
YIQ	82.6550, -55.7080, 7.3960

# Conversions

## Conversions Part 2

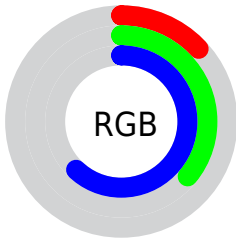
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 74, 157
Decimal	2252189
CIELab	38.90, 4.47, -40.20
CIELCh	39, 40.447, 276.345
Yxy	10.6031, 0.1951, 0.1940
Android (android.graphics.Color)	4280442269 (0xFF225D9D)
YUV	82.6550, 36.6521, -42.6704
Hunter-Lab	32.5624, 1.4507, -37.9906




# Details

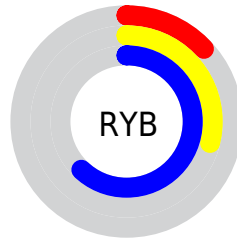
The Android color `4280442269` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288504354`, and the grayscale version is `4283585106`.




A 20% lighter version of the original color is `4284583892`, and `4278202473` is the 20% darker color. If you saturate the color by 10%, you get `4279391645`, and if you desaturate by 10%, it is `4281492893`.

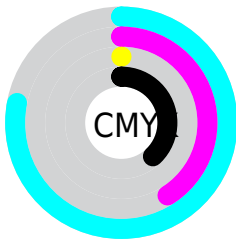
# Distribution







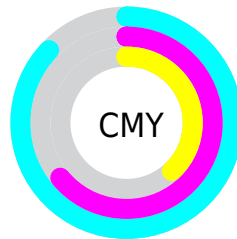
-  Red (13%)
-  Green (36%)
-  Blue (62%)






-  Red (13%)
-  Yellow (29%)
-  Blue (62%)



-  Cyan (78%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280442269 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4280442269 by changing the saturation by 10% instead.





4280442269



4280442269

4294967295



4278208131



4284583892



4278202473



4286491121



4278197328



4288398591



4278191417



4290240767



4278190627



4292214271



4278190089



4294115327



4278190080



4280442269



4280442269



4279391645



4281492893

■ 4278406557

■ 4282477981

■ 4278209437

■ 4283528861

■ 4284579485

■ 4285630109

■ 4286615197

■ 4287665821

■ 4288716445

■ 4289701789

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278216343



4280442269



4284895377

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280442269



4287841334



4278282816

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4280442269



4288504354

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4282672419



4280442269



4286730270

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280442269



4288101718



4284963860



4278217826

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280442269



4286596992



4284963860



4280576053



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4280442269



4288394188



4280458594



4282931046



4293322470



4284900966



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4280442269



4279003340



4280558237



4282862415



4278207631



4278191887



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4288488029



4291562600



4288388386



4283385675



4287561796



4279173127



# Previews

## White Background



This preview shows how the Android color 4280442269 looks on a white background.

## Color Contrast Check

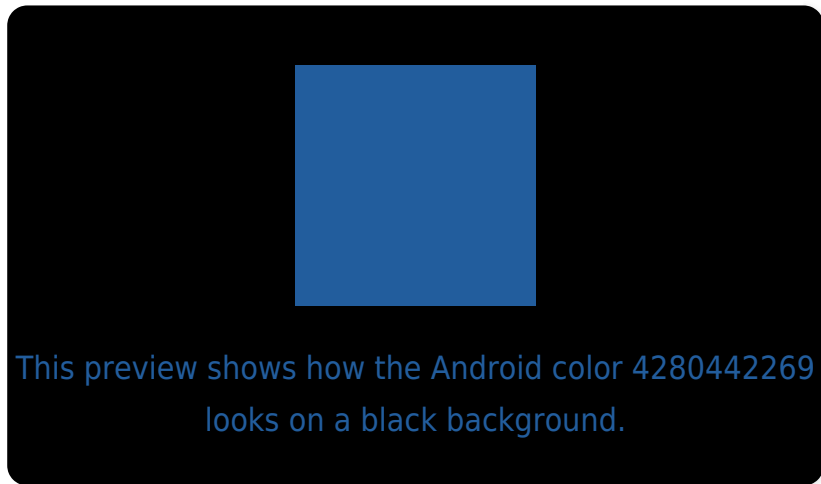
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280442269 Background



This preview shows how black text looks on a background with the Android color 4280442269.



This preview shows how white text looks on a background with the Android color 4280442269.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

4280442269

**Protanopia**

4282407321

**Deuteranopia**

4280835229



# Trichromacy



**Original Color**  
4280442269

**Protanomaly**  
4281686682

**Deuteranomaly**  
4280704157

**Tritanomaly**  
4279001726

# Monochromacy



**Original Color**  
4280442269

**Achromatopsia**  
4283650899

**Achromatomaly**  
4282472302

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280442269 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(34, 93, 157)` looks like.

```
.text, #text, p{  
    color:rgb(34, 93, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(34, 93, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 93, 157) }
```

## Border

The CSS property to change the border of an element to Android 4280442269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(34, 93, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(34, 93, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(34, 93, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 93, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 93, 157);  
box-shadow:4px 4px 4px 4px rgb(34, 93,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4280442269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 93, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(34, 93,  
157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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